PATENT COOPERATION TREATY

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PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

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	Date of mailing *(day/month/year)* 20 June 2005 (20.06.2005)

Applicant's or agent's file reference AZ03-387WOTV	FOR FURTHER ACTION See paragraph 2 below

International application No. PCT/KR 2004/003256	International filing date *(day/month/year)* 10 December 2004 (10.12.2004)	Priority Date *(day/month/year)* 12 December 2003 (12.12.2003)

International Patent Classification (IPC) or both national classification and IPC
H04N 5/445

Applicant
LG ELECTRONICS INC.

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1. This opinion contains indications relating to the following items:

   [X] Cont. No. I   Basis of the opinion

   [ ] Cont. No. II   Priority

   [ ] Cont. No. III   Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

   [ ] Cont. No. IV   Lack of unity of invention

   [X] Cont. No. V   Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

   [ ] Cont. No. VI   Certain documents cited

   [ ] Cont. No. VII   Certain defects in the international application

   [ ] Cont. No. VIII   Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ AT **Austrian Patent Office** Dresdner Straße 87, A-1200 Vienna	Authorized officer FUSSY S.
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Form PCT/ISA/237 (cover sheet) (January 2004)

Continuation No. I

Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed.

Continuation No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims **1-21**	YES
	Claims ----	NO
Inventive step (IS)	Claims **6-10, 17-21**	YES
	Claims **1-5, 11-16**	NO
Industrial applicability (IA)	Claims **1-21**	YES
	Claims ----	NO

2. Citations and explanations:

The following documents have been cited in the Search Report:

D1: EP 0957631 A1
D2: US 6493038 B1

The cited document D1 is of particular relevance to the subject-matter of the present application because the features of the claims 1 to 5, and 11 to 16 do not involve an inventive step with respect to D1.

This document discloses a display device for multi-area multi-image display for use when a screen is divided into areas and including images having different image qualities in divided areas, using images such as a photo, a moving image, etc. The display device involves a preset signal pattern serving as a marker signal which is provided to an image signal in an arbitrary designated area. A control signal generator circuit detects an area by detecting a marker signal and controls sharpness, contrast, etc., for each detected area. The processing is performed automatically, but it is also possible to change the position or size of the picture images.

The feature of outputting display options including picture quality adjustments is not shown explicitly in D1. However, this feature of displaying options is well know to a person skilled in

the art and therefore claims 1 to 5, and 11 to 16 cannot be considered to involve an inventive step.

The feature of comprising a video processing unit converting an original image into either a plurality of full images or a plurality of image parts according to the independent claims 6 and 17 is not shown in D1. The dependent claims 7 to 10, and 18 to 21 specify preferred embodiments of the subject matter of said independent claims.

D2 merely represents the prior art with regard to the subject-matter of the independent claims 1, 6, 11, and 17 of the present application. It shows a multi-window television receiver for simultaneously displaying two videos.The electronic program guide is displayed in a first part of a split screen of the television receiver containing a picture-in-picture display. Scanning of the electronic program guide causes different video programs to be displayed in the PIP display.

However, no video processing unit separating an original image into a first and second image part and modifying picture qualities of said image parts is disclosed in D2.

The industrial applicability is given.

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